

A549 | 300114

Description

A549, .A549, A549, A549, 2, A549, , A549, , A549, ,

Organism

Tissue

Disease

Synonyms

A 549, A-549, NCI-A549, hA54

Age

58

Gender

Ethnicity

Morphology

Growth properties

Citation

A549(300114)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_0023

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Protein expression P53

Isoenzymes G6PD, B

Reverse transcriptase

Karyotype A549 n2 , 64 .

Culture Medium DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion

Supplements 10% FBS

Dissociation Reagent

Doubling time 28

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal 2~3

Post-Thaw Recovery $4 \times 10^4 / \text{cm}^2$, 24 .

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

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Thawing and Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere 37°C, 5% CO₂ .

Flask Coating

Shipping Conditions -78°C .

Storage Conditions -150°C -196°C . 80°C .

/ / HLA

Sterility PCR .